

WHAT IS CLAIMED IS:

1. Image display orientation control apparatus for use with scanner apparatus and display apparatus operatively associated with the scanner apparatus, comprising:

5 a first setting, said first setting causing an image of an object scanned by said scanner apparatus to be displayed on said display apparatus in a first orientation, said first setting being preserved for subsequent uses of said scanner apparatus until
10 changed by a user; and

a second setting, said second setting causing said image to be displayed on said display apparatus in a second orientation, said second setting being preserved for subsequent uses of said scanner
15 apparatus until changed by said user.

2. The image display orientation control apparatus of claim 1, wherein said first orientation comprises a portrait orientation, and wherein said second orientation comprises a landscape orientation.

3. The image display orientation control apparatus of claim 1, further comprising a switch operatively associated with said image display orientation control apparatus, said switch allowing said user to select
5 between said first setting and said second setting.

4. The image display orientation control apparatus of claim 3, wherein said switch is mounted to said scanner apparatus.

5. The image display orientation control apparatus of claim 3, wherein said switch is implemented as a user

selectable interface that is displayed on said display apparatus.

5 6. The image display orientation control apparatus of claim 1, further comprising an image data processing system operatively associated with said scanning apparatus and said display apparatus, said image data processing
10 system receiving an image data signal produced by said scanner apparatus that is representative of said object, said image data processing system processing said image data signal so that said display apparatus displays the image of said object in said first orientation when said first setting is selected by said user and so that said display apparatus displays the image of said object in said second orientation when said second setting is selected by said user.

5 7. Image display orientation control apparatus for use with scanner apparatus and display apparatus operatively associated with the scanner apparatus, comprising a plurality of settings, each of said plurality
10 of settings causing an image of an object scanned by said scanner apparatus to be displayed on said display apparatus in a corresponding one of a plurality of orientations, each of said plurality of settings being preserved for subsequent uses of said scanner apparatus until changed by a user.

5 8. Scanner apparatus, comprising:
a housing having at least one opening therein;
a scanning device mounted within said housing;
a transparent platen mounted within the at least one opening in said housing, said transparent platen allowing an object positioned adjacent said

transparent platen to be scanned by said scanning device; and

10 a switch, said switch allowing a user to select
a first setting or a second setting, said first
setting causing an image of said object to be
displayed on a display apparatus operatively
associated with said scanner apparatus in a first
orientation, said second setting causing said image
15 to be displayed on said display apparatus in a second
orientation, said first setting being preserved for
subsequent uses of said scanner apparatus until
changed by said user, said second setting being
preserved for subsequent uses of said scanner
20 apparatus until changed by said user.

9. The scanner apparatus of claim 8, wherein said first orientation comprises a portrait orientation, and wherein said second orientation comprises a landscape orientation.

10. The scanner apparatus of claim 8, further comprising an image data processing system operatively associated with said scanning apparatus and said display apparatus, said image data processing system receiving an
5 image data signal produced by said scanning device that is representative of said object, said image data processing system processing said image data signal so that said display apparatus displays the image of said object in
said first orientation when said first setting is selected
10 by said user and so that said display apparatus displays the image of said object in said second orientation when said second setting is selected by said user.

11. The scanner apparatus of claim 8, wherein said

switch is mounted to said scanner apparatus.

12. The scanner apparatus of claim 8, wherein said switch is implemented as a user selectable interface that is displayed on said display apparatus.

13. Image display orientation control software for use with scanner apparatus and display apparatus operatively associated with the scanner apparatus, comprising:

5 a first setting, said first setting causing an image of an object scanned by said scanner apparatus to be displayed on said display apparatus in a first orientation, said first setting being preserved for subsequent uses of said image display orientation control software until changed by a user; and

10 a second setting, said second setting causing said image to be displayed on said display apparatus in a second orientation, said second setting being preserved for subsequent uses of said image display orientation control software until changed by said user.

14. A scanning system, comprising:

scanner apparatus, said scanner apparatus producing an image data signal representative of an object being scanned;

5 display apparatus operatively associated with said scanner apparatus and responsive to the image data signal, said display apparatus displaying an image of the object; and

10 image display orientation control apparatus operatively associated with said scanner apparatus and said display apparatus, said image display

orientation control apparatus operable in a first setting and a second setting, the first setting causing said display apparatus to display the image of the object in a first orientation, the second setting causing said display apparatus to display the image of the object in a second orientation, the first and second settings of said image display orientation control apparatus being selectable by a user so that the first setting is preserved for subsequent uses of said scanner apparatus when the first setting is selected by the user and so that the second setting is preserved for subsequent uses of said scanner apparatus when the second setting is selected by the user.

15. The scanning system of claim 14, wherein said first orientation comprises a portrait orientation, and wherein said second orientation comprises a landscape orientation.

16. The scanning system of claim 14, further comprising a switch operatively associated with said image display orientation control apparatus, said switch allowing the user to select between the first setting and the second setting.

17. The scanning system of claim 14, further comprising an image data processing system operatively associated with said scanner apparatus, said display apparatus and said image display orientation control apparatus, said image data processing system receiving said image data signal produced by said scanner apparatus, said image data processing system processing said image data signal so that said display apparatus displays the

10 image of said object in said first orientation when said
first setting is selected by said user and so that said
display apparatus displays the image of said object in
said second orientation when said second setting is
selected by said user.

18. Image display orientation control apparatus for
use with scanner apparatus and display apparatus
operatively associated with the scanner apparatus,
comprising:

5 first means for causing an image of an object
scanned by said scanner apparatus to be displayed on
said display apparatus in a first orientation, said
first means being preserved for subsequent uses of
said scanner apparatus until changed by a user; and
10 second means for causing said image to be
displayed on said display apparatus in a second
orientation, said second means being preserved for
subsequent uses of said scanner apparatus until
changed by said user.

19. A method for controlling image display
orientation of scanner apparatus and display apparatus
operatively associated with the scanner apparatus,
comprising:

5 providing image display orientation control
apparatus operatively associated with said scanner
apparatus and said display apparatus, said image
display orientation control apparatus operable in a
first setting and a second setting, the first setting
10 causing said display apparatus to display an image of
an object scanned by said scanner apparatus in a
first orientation, the second setting causing said
display apparatus to display said image in a second

15

20

25

25

5

10

15

15

20

25

displaying the image of said object in said second orientation on said display apparatus when said second orientation is selected.